**Acedemic Physics Ms. Flarend Rm 209**

**Voicemail: x4209 E-mail: amf@blwd.k12.pa.us**

**http://msflarendswiki.wikispaces.com/**

**What Is Physics?**

Physics tries to explain and predict the physical world through concepts and mathematics. Topics we will study include motion, energy, nuclear physics, electricity, sound and light.

**Expectations:*see “policies” handout for more specific information***

This course involves both problem- solving and laboratory activities. *Physics is best learned while actively doing physics.* Therefore, I will have interesting activities for you and minimize lecturing. In return, I expect each to student to fully participate each and every day. Participation includes coming to class with proper materials, actively engaging in all class activities and proper use of laboratory materials.

Homework will be assigned regularly and generally you will be given at least 2 days to complete it. **In general, no credit will be given for assignments turned in more then 1 day late.**

Tests include conceptual questions, numerical problems and laboratory-based problems. Questions from all classroom activities are fair game for test material. In general, the tests are 80 minutes long, contain material from previous units and will not be curved. Quarterly/midterm tests will be given and will count as 2 test grades.

A Portfolio will be assembled each marking period according to criteria available on the wiki space and handed out in class. In order to complete this successfully, you will need to keep your papers organized in a binder.

In general, I require everyone to treat others with respect and in return expect respect from others. Both your fellow students and I are resources for help in this class. Please do not hesitate to ask questions.

**You must have a calculator that you bring to class everyday along with your binder.**

**Grades**

Below is the **approximate** grade breakdown. Everything is graded on a point basis.

Tests/Quizzes/Portfolio 55%

Homework 20%

Laboratory Reports/ participation 25%